

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number
WO 2005/061696 A1

(51) International Patent Classification⁷: **C12N 5/08**,
A61K 35/12

Derek [AU/AU]; 19 Carrick St., Woodlands, WA 6018
(AU). **HARTMANN, Peter, Edwin** [AU/AU]; 21 John
Street, Gooseberry Hill, WA 6076 (AU).

(21) International Application Number:
PCT/CH2004/000738

(74) Agent: **BREMI, Tobias**; Isler & Pedrazzini AG, Postfach
6940, Gotthardstrasse 53, CH-8023 Zürich (CH).

(22) International Filing Date:
15 December 2004 (15.12.2004)

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PCT/CH03/00846
23 December 2003 (23.12.2003) CH

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

(71) Applicant (*for all designated States except US*): **CARAG
AG** [CH/CH]; Bahnhofstrasse 9, CH-6340 Baar (CH).

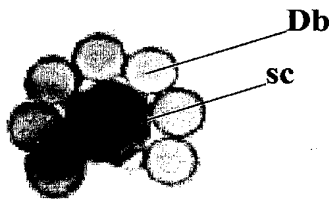
(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **CREGAN, Mark**,

[Continued on next page]

(54) Title: METHOD FOR ISOLATING CELLS FROM MAMMARY SECRETION

c)



(57) Abstract: The present invention relates to a method for isolating progenitor cells from a human body, inclusive of all cells with stem cell-like characteristics, in particular pluripotent or multipotent progenitor cells, wherein such cells are directly or indirectly derived from human mammary secretion, be it colostrum, mature milk, or dry period secretion from males or females, of said human body during at least one of the following periods: non-pregnant period, pregnant period, lactating period, involuting period. The present invention furthermore relates to preferred uses of such isolated cells.

WO 2005/061696 A1



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*